

**CLAIMS:**

1-23. (Canceled)

24. (Currently Amended) A method of treating influenza by administering an effective amount of a pharmaceutical composition comprising a protected inosine 5'-monophosphate (IMP) compound in combination with an influenza vaccine, wherein the influenza vaccine is chosen from the group consisting of influenza proteins, peptides, coat proteins, viral coats, viruses, bacteria, antigen, whole cells, cell components, parasites, and pathogens, and combinations thereof, detecting a T-cell response specific to influenza, and treating influenza.

25-36. (Canceled).